INTELLIGENT COMPACTION QUALITY CONTROL REPORT SUMMARY FOR HOT MIX ASPHALT WITH METHOD COMPACTION

CEM-IC12 (09/20/2016)

PROJECT INFORMATION/NAME	CONTRACT NUMBER	CO/RTE/PM
	PROJECT IDENTIFIER NUMBER	
	CONTRACTOR NAME	

Instruction: This form to be used by the contractor to summarize the daily hot mix asphalt method compaction intelligent compaction quality control report information. For questions about this form send an email to: IC@dot.ca.gov

Quality control report summary for hot mix asphalt placed on:	HMA Placement Date

Hot Mix Asphalt Information

HMA Placement Location		Direction	Lane Number
Beginning Station/Post Mile	Ending Station/Post Mile	HMA Type	HMA Thickness

Intelligent Compaction Technical Representative

Compaction QC Technician (print name)	Company (print name)
Email address	Phone Number:

Intelligent Compaction Quality Control Technician

Compaction QC Technician (print name)	Intelligent Compaction QC Training Completion Date:	Training requirement effective January 1, 2017.
Email address	Phone Number	

Intelligent Compaction Data Analysis Technician

Data Analysis Technician (print name)	Data Analysis Training Completion Date:	Training requirement effective January 1, 2017.
Email address	Phone Number	

Quality Control Report Preparer

Quality Control Report Completed by (print name)	Signature	Date
Email Address	Phone Number	

Activities Before Daily Production

☐ Check testing

GPS Measurement	X	Y
A-Roller		
B-Rover		
Difference (A-B)		

**Take corrective action if difference more than* 0.5 ft in any direction

☐ Temperature sensor accuracy verification

Temp. Measurement	°F
A- Roller Sensor	
B- Temp Device	
Difference (A-B)	

**Take corrective action if difference more than 5°F*

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COMMENTS

HMA Method Compaction Requirements

The following requirements for HMA compaction are based on the specifications for the type of HMA being placed.

IC Requirements	HMA Target Values		IC Requirements	OGFC Target Values
Breakdown Compaction Minimum Number of Passes			Minimum Number of Passes	
Breakdown Compaction Minimum Temperature °F 1st PASS			Breakdown Compaction Minimum Temperature °F 1st PASS	
Intermediate Compaction Minimum Number of Passes			Complete Compaction Minimum Temperature °F	
Intermediate Compaction Minimum Temperature °F				

COMMENTS

DAILY COMPACTION QUALITY CONTROL REPORT SUMMARY

HMA/RHMA Compaction Veta Analysis Report Results

HAM tonnage placed within boundary _____

Does the number of passes for breakdown compaction roller results show that at least 90 percent coverage of the HMA placement construction area met or exceed the minimum number of roller passes specified for breakdown compaction?

☐ Yes ☐ No

If no, corrective action taken:

Does the 1st PASS breakdown compaction temperature results show that temperature meet or exceed the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area?

☐ Yes ☐ No

If no, corrective action taken:

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Does the number of passes for intermediate compaction roller results show that at least 90 percent coverage of the HMA placement construction area met or exceed the minimum number of roller passes specified for intermediate compaction?

☐ Yes ☐ No

If no, corrective action taken:

Does the final pass of intermediate compaction temperature results show that temperature meets or exceeds the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area?

☐ Yes ☐ No

If no, corrective action taken:

OGFC Compaction Veta Analysis Report Results

Does the number of passes for compaction roller results show that at least 90 percent coverage of the HMA placement construction area met or exceed the minimum number of roller passes specified for compaction?

☐ Yes ☐ No

If no, corrective action taken:

Does the 1st PASS breakdown compaction temperature results show that temperature meet or exceed the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area?

☐ Yes ☐ No

If no, corrective action taken:

Does the final pass of intermediate compaction temperature results show that temperature meet or exceed the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area?

☐ Yes ☐ No

If no, corrective action taken:

Compaction Quality Control Report Review

COMMENTS:

I have reviewed the intelligent compaction results shown on compaction quality control report for compliance with the contract specifications and taken corrective action when required.

Quality Control Manger (print name)	Signature	Date Reviewed

Compaction Quality Control Report Submittal Information

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Submit hardcopy to resident engineer within 1 business day of HMA placement.	Submitted by (print name)	Date
Submit Adobe *.pdf file of this form to resident engineer within 1 business day of HMA placement.	Submitted by (print name)	Date